

## NEGOTIATED WIRELESS PERIPHERAL SECURITY SYSTEMS

### Abstract of the Disclosure

Methods, apparatus, and business techniques are disclosed for use in mobile network communication systems. A mobile unit such as a smart phone is preferably  
5 equipped with a wireless local area network connection and a wireless wide area network connection. The local area network connection is used to establish a position-dependent ecommerce network connection with a wireless peripheral supplied by a vendor. The mobile unit is then temporarily augmented with the added peripheral services supplied by the negotiated wireless peripheral. Systems and methods allow the mobile unit to  
10 communicate securely with a remote server, even when the negotiated wireless peripheral is not fully trusted. Also mobile units, wireless user peripherals, and negotiated wireless peripherals that project a non-area constrained user interface image on a display surface are taught.

EMD-NWP-CIP1.doc  
8/30/01